

SZANKA, Istvan, okleveles olajmernok

Development of petroleum production at Nagylengyel. Bany
lap 98 no.3:190-194 Mr '65.

1. Dunantul Petroleum and Natural Gas Producing Enterprise,
Nagylengyel.

SZANKA, L.

"specific production problems of the oil occurrence at Nagylengyel." p. 48

BANYASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest,
Hungary, Vol. 14, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

SZANKIEWICZ, KAROL

SZANKIEWICZ, Karol; TURSki, Zbigniew; WROBLEWSKI, Bogdan

Modification of the Italian technic of plastic surgery. Polski
przeegl. chir. 26 no.7:607-610 July 54.

1. Z Wojskowego Ośrodka Chirurgii Urazowej i Ortopedii i z Kliniki
Chirurgii Polowej Akademii Medycznej w Łodzi. Kierownik: dr
K. Szaniewicz.

(SKIN TRANSPLANTATION,
full thickness, technic)

KONOPACKA, B.; SZANKOWSKA, Z.

Alkaline phosphatase during the fertilization process and the early stages of development of *Nereis diversicolor* (M). *Folia morphol* 21 no.4:4014-09 '62.

1. Zakład Histologii i Embriologii, Wydział Weterynarii, Szkoła Główna Gospodarstwa Wiejskiego, Warszawa. Kierownik: prof. dr K.Krysiak.

SZANKOWSKA, Zofia

Cytochemical studies on the oogenesis in Salamandra maculosa Laur.
Pt. 1. Folia morphol 21 no.4:449-464 '62.

1. Katedra Anatomii Zwierząt, Wydział Weterynarii, Warszawa,
Kierownik: prof. dr K. Krysiak, i Zakład Histologii i Embriologii,
Wydział Weterynarii, Kierownik: prof. dr B. Konopacka.

*

SZANTAI, I.

THE behavior of amino acids developed with ninhydrin in hydrochloric acid atmosphere.

P. 544 (REVISTA DE CHIMIE) (Bucuresti, Rumania) Vol. 8, no. 8, Aug. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

SZANTAI, I.; URAY, Z.; FARCASANU, M.; KOVACS, V.

Utilization of ion exchange resins and radiochromatography in
biological chemistry research. Pts. 1-2. Studia Univ B-B S
Chem 8 no.1:395-406 '63

1. Section of Nuclear Medicine, Cluj and "Babes-Bolyai"
University, Cluj.

SZANTAI, J.; HOLAN, T.; FODOR, P.; OCTUL, S.

Some biochemical aspects of methionine metabolism in gastric and duodenal ulcers. Studii cerc biochimie 7 no.3:417-423 '64.

I. Nuclear Medical Center and Medical Clinic III, Cluj. Submitted June 15, 1964.

SZANTAI, I.; URAY, Z.; KOVACS, V.

Observations relating to the isotopic exchange between iodated amino acids and ^{131}I on chromatographic paper. Studii cerc biochimie 8 no.1:81-83 '65.

1. Section of Nuclear Medicine, Medicopharmaceutical Institute, Cluj. Submitted October 20, 1964.

SZANTAI, I.; URAY, Z.; HOLAN, T.

Rapid method for determining the index of conversion of the mineral iodine in protein iodine marked with ^{131}I . Studii care biochimie 8 no.1:85-88 '65.

1. Section of Nuclear Medicine, Med. eopharmaceutical Institute, Cluj. Submitted October 20, 1964.

SZANTAI, Janos, dr.; EGRESSY, Gyorgy

Technical and economic evaluation of prefabricated ferroconcrete
floors. Magy ep ipar 13 no.6:329-334 '64.

SZANTAY, Balázs

Chem Abs V48

1-25-54

Apparatus, plant
equipment, and
unit operations

3
✓ Rotating mixing devices for liquids. Balázs Szántay.
Magyar Kém. Lapja 8, 231-40 (1953).—Review of types
suitable for mixing liquids. Principles of standardization
of mixing app. are discussed. István Fínály

10-8-54
mef

SZANTAY, B.

Our results in designing devices for the chemical industry. p. 344
MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest.
Vol. 10 No.11 Nov. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

SZANTAY, B.

Remarks on Laszlo Tupta's article "The Situation and Tasks of the Machinery Industry of Chemical Industry." p. 112.

(Magyar Kemikusok Lapja. Vol. 12, no. 3, Mar. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

-SZANTAY, Balazs

Role of the chemical industry in the development of machinery
manufacturing in the chemical industries. Musz elet 15 no.17:
3,15 Ag '60. (EEAI 9:12)
(Hungary--Chemical industries)

SZANTAY, Balazs

Applications of the shell theory in designing chemical apparatus from the point of view of the strength of materials. Gep 13 no.5:194-198 My '61.

1. Vegyimuveket Tervezo Vallalat.

SZANTAY, Balazs

The Smith's high-pressure apparatus body and the computation of its strength. Gep 13 no.12:443-446 D '61.

1. Vegyimuveket Tervezo Vallalat.

SZANTAY, Balazs

Novelties at the ADMEMA exhibition in Frankfurt in the field of
chemical industry machinery. Gep 14 no.2:59-63 F '62.

Vegyimuveket Tervezo Vallalat.

BAKOS, Miklos; SZEKERES, Gabor; LIENERTH, Aladar; FEHER, Zoltan; FUTO, Laszlo;
SZANTAY, Balazs

An account of the 1961ACHEMA.I. Technological installations. (To be
contd.) Magy kem lap 17 no.1:30-43 Ja '62.

1. Vegyterv, es "Magyar Kemikusok Lapja" szerkesztosegi titkar (for
Bakos). 2. "Magyar Kemikusok Lapja" foszerkesztoje(for Szekeres).

(Germany, West—Chemical engineering—Apparatus and supplies)

SZANTAY, Balazs, okleveles gepeszmernok

Guiding principles of designing chemical apparatus to be protected against corrosion. Gep 16 no.4:121-128 Ap '64.

1. Designing Enterprise for Chemical Plants, Budapest.

Szantay, Ban. I.
FODOR, O. Conf.; DORIAN, V.; SZANTAY, Ban. I.

Evaluation of the evolution of chronic hepatitis by complex clinical, histopathological and electrophoretic investigations. Med. int., Bucur. 10 no.3:351-359 Mar 58.

1. Clinica a III-a medicala I.M.F. Cluj, director acad. I. Hatieganu.
(HEPATITIS, diagnosis
clin., histopathol. & electrophoretic methods of determ.
of evolution of dis.)
(BLOOD PROTEINS, in various diseases
hepatitis, chronic, diag. value of determ.)
(LIVER, pathology
biopsy in chronic hepatitis)

SZ ANTAY, Cs

HUNG.

21. Experiments to produce 4,6-diamino tetraoxybenzene and its derivatives (In German) — G. Zemplén, L. Mester and Cs. Szántay; (Acta Chimica Academiae Scientiarum Hungaricae — Vol. 4, 1954, No. 1, pp. 85—88)

Starting from pyrogalllic acid, the authors succeeded in preparing the mono and dinitro derivatives of 1,3-dimethoxy-2,5-diacetoxybenzene by nitration of the diacetate of dimethoxy-hydroquinone. The reduction of these derivatives with dithion yielded 6-acetamido and 4,6-diacetamido-1,3-dimethoxy-2,5-diacetoxybenzene. This latter compound is the first derivative to be prepared from the thus far unknown 4,6-diamino-tetraoxybenzene.

SCIENTIA, CC., BUDA, D.

Synthesis of the analogue of salsoline; a preliminary communication.
p. 346, (MAGYAR KEMIAI FOLYKIRAT), Vol. 60, No. 11, Nov. 1954.
(Budapest, Hungary)

SO: Monthly List of East European Accessories, (EEAL) LC, Vol. 4,
No. 5, May 1955, Uncl.

Szantay, Cs.

20. Sugar-containing derivatives of para-methoxy-benzaldehyde thiosemicarbazone (TB. II), (in German) - Zemplén, L. Mester, Cs. Szantay, Cs. *Acta Chimica Academiae Scientiarum Hungaricae*, Vol. 8, 1955, No. 1-3, pp. 139-142, 1 tab.

The glucoside derivatives of the thiosemicarbazones of the following compounds were prepared: para-hydroxy-benzaldehyde, vanillin and isovanillin. The anti-

tubercular activity of these compounds was compared with that of para-methoxy-benzaldehyde thiosemicarbazone (TB. II). It was found that although these compounds were more soluble than TB. II their biological activity was reduced by the introduction of the sugar moiety into the molecule.

Szantay, C.

1
H Nitroparaffins. Iános Olasz and Csaba Szantay (Tech.
Univ. Budapest). Magyar Kém. Lapja 11: 147 (1958).
-- A review with 55 references.

P. M. B.

4
2 May

jag

SZANTAY, Cs.

HUNGARY/Organic Chemistry - Synthetic Organic Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46701

Author : D. Beke, Cs. Szantay

Inst : Academy of Sciences of Hungary

Title : Behavior of Opianic Acid in Presence of Decarboxylating
and Dealkylating Reagents.

Orig Pub : Acta chim. Acad. sci. hung., 1957, 12, No 3-4, 275-281

Abstract : See RZhKhim, 1957, 71571.

Card 1/1

JEAN/AY, C2.

V Reactions of phenol ethers with reactants of the type MX. 1. Selective cleavage of ethers by aluminum chloride. Cs. Szántay (Tech. Univ., Budapest). *Acta Chim. Acad. Sci. Hung.* 12. 83-91(1957).—AlCl₃ is a sensitive reagent for detg. differences in nucleophilic reactivity between phenol ethers. In order of increasing reactivity are OMe, OEt, CHO, OPr-iso. ArCHO-AlCl₃ have high electron density in the *p*-position than in the *o*-position as compared to ArCHO. The phenol ethers were stirred at 50° with AlCl₃ in dry thiophene-free C₆H₆ 5 hrs., treated with ice and concd. HCl, the pptd. product, if any, sepd., and the C₆H₆ soln. made basic with NaOH, washed, dried, and evapd. Results obtained from 3,4-RO(R'O)C₆H₃CHO were (R, % cleavage RO, R', % cleavage R'O, mole; AlCl₃, moles added PhCHO, and % yield given): Me, —, Me, —, 1, —, —; Me, 20, Me, 80, 2, —, 90.5; Me, —, Me, —, 2, 1, —; Et, —, Me, —, 1, —, —; Et, 100, Me, —, 2, —, 95; Me, —, Et, 100, 2, —, 89; Et, 100, Me, —, 2, 1, 1.8; iso-Pr, 100, Me, —, 1, —, 78; Me, —, iso-Pr, 100, 1, —, 55; iso-Pr, 100, Me, —, 1, 1, 40; Et, 78, Et, 21, 2, —, 95; Pr, 65, Pr, 32.5, 2, —, 95; iso-Pr, 100, iso-Pr, 100, 2, —, 80. The addn. of PhCHO effects removal of 1 mole AlCl₃ from the reaction. Similar treatment of catechol diethers with AlCl₃ caused cleavage of only one ether group. Et or iso-Pr cleaved in preference to Me groups and 2 moles AlCl₃ gave better yields than one. It was presumed that cleavage of OMe occurred by S_N2 mechanism since no PhMe can be recovered from the reaction of AlCl₃ on veratric aldehyde. The mechanism for the other groups is S_N1 since in the cleavage of (EtO)₂C₆H₃CHO, PhEt was recovered, and with both (PrO)₂C₆H₃CHO and isopropylguajacol, iso-PrPh was recovered.

Clive Bluestein

Em

SZANTAY, CS, BEKE, D.

Synthesis of salsoline analogs. p. 67.

(Magyar Kemiai Folyoirat. Vol. 63, no. 2/3, Feb./Mar. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

SZANTAY, CS.

Science

"MAGYAR KEMIAI FOLYOIRAT"

Synthesis of new pharamacologically-effective 1-amino-1-(3-phthalidyl)-alkanes. p. 392

Vol. 64, No. 10, Oct. 1958

Monthly List of East European Accessions (E-IAI), LC, Vol. 8, No. 4, April 1959
Unclos.

Distr: 4E2c(j)/4E3d/4E3b

The preparation and some physical properties of poly-
(nitroethylene). Csaba Szántay, János Giber, and Lajos
Kiss (Műszaki Egyetem Ipari Szervekémiai Tanácsok,
Budapest, Hung.). *Magyar Kém. Folyóirat* 64, 468-70
(1958).—The title compd. (I) was prepd. from MeNO_2 (II) ^{low (bw)}
through $\text{O}_2\text{NCH}_2\text{CH}_2\text{OH}$ (III) and $\text{O}_2\text{NCH}=\text{CH}_2$ (IV). For ^{1-89 (bw)}
the prepn. of III the app. of Hays (CA 47, 493g) was
applied with a mantle contg. H_2O at 50° . To a mixt. of 183
g. II and of a nonvolatile org. acid being equiv. to the alkali
used as catalyst, 88.5 g. of 35% CH_3O soln. was added, and
the mixt. was made alk. to pH 10 with 10% NaOH , at a
rate of 16-20 drops/min. at 120 mm. and $46-8^\circ$. The oil
bath used for boiling II was kept at $130-5^\circ$. After distg. the
remaining II and H_2O 74 g. crude III was obtained. A mixt.
of 80 g. crude III and 160 g. phthalic anhydride was kept at
 $150-5^\circ/80$ mm. until homogeneous, then IV distd. at 175°
(39 g. after drying with CaCl_2). IV (39 g.) was dropped
into 500 ml. H_2O during 15 min. with stirring at room temp.
to give 39 g. I. About 4-5% I dissolved in Me_2CO and had a
mol. wt. of 1200-1400 as detd. by the modified Barjer
method. In cyclohexanone the av. mol. wt. was found to
be 8000. In the following list the explosion heat in kcal./
kg., the working capacity (Trautz value) in ml. and the
striking sensibility (2 kg.; 7.03 mm.; 50%) in cm. are
given: Hg fulminate, 429, 150, 5; trinitrotoluene, 925, 215,
50-60; NH_4NO_3 , 346, 165, 180-200; black gunpowder, 710,
30, 85-120; I, 720, 114, 70-90; 67% I + 33% NH_4NO_3 ,
856, 276, —; 50% I + 50% NH_4NO_3 , —, 349, —; 34% I +
66% NH_4NO_3 , 1087, —, —; 20% I + 80% NH_4NO_3 , 1212,
289, —. The explosive properties of I were improved by
adding NH_4NO_3 . The max. of the combustion heat was ob-
tained at 85% NH_4NO_3 content, that of the working capacity
at 55%.
E. Kasztreimer

SZANTAY, L.

Science

"MAGYAR KEMIAI FOLYKOPIAT"

Insecticides containing aliphatic nitro group. II. Some DDT analogues. p. 470

Vol. 64, No. 12, Dec. 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959
Unclas.

BEKE, Denes, Prof. (Budapest); SZANTAY, Csaba (Budapest); BARCZAI, Marietta B. (Budapest)

Contribution to the chemistry of heterocyclic pseudobasic amino-carbinols. XIV. Molecular compounds of quaternary 3,4-dihydroisoquinoline salts. In German. Acta chimica Hung. 21 no.2:153-158 '59.
(EAI 9:4)

1. Institute of Organic Chemistry, Technical University, Budapest.
(Heterocyclic compounds) (Dihydroisoquinoline) (Amine alcohols)

BEKE, D., prof. (Budapest); SZANTAI, Cs. (Budapest); TOKE, L. (Budapest)

Contributions to the chemistry of heterocyclic pseudobasic aminocarbinols. IV. The dissociation grade of cotarnine and some analogous compounds. Periodica polytechn chem 3 no.3:177-185 '59.
(HEAI 9:6)

1. Institut für Organische Chemie der Technischen Universität,
Budapest.

(Heterocyclic compounds) (Amino alcohols)

SZANTAY, CSABA

Distr: 4E2c(j)/4E3d

5
BW(BW)
JAS(NB)
5

Chemistry of heterocyclic pseudobasic amino carbinols.
XIV. Molecular compounds of quaternary salts of 3,4-di-
hydroisoquinoline. Dénés Beke, Csaba Szantay, and Ma-
rietta B. Bárczai [Tech. Univ. Budapest, Hung.]. *Magyar*
Kém. Folyóirat 65, 403-6 (1959); cf. CA 54, 24837g.
3,4-Dihydroisoquinoline (I) as well as its derivs., substituted
on the aromatic ring, gave mol. compds., contg. 1 mole
tertiary and 1 mole quaternary compd., with an equimolar
amt. of 2,4-(O₂N)₂C₆H₃Cl (II) and acyl chlorides, resp., in
good yields. On adding H₂O to these compds. N-(2,4-di-
nitrophenyl) or N-acyl derivs. of 2-(β-aminoethyl)benz-
aldehyde, and the hydrochloride of the starting bases were
obtained. 6,7-Dimethoxy-3,4-dihydroisoquinoline (III)
(3.58 g.) in 60 cc. dry Et₂O was added to 3.78 g. II in 30
cc. dry Et₂O. After keeping the soln. overnight, yellow
crystals sepd. which were repeatedly extd. with boiling
Et₂O. The mol. compd. (IV), formed from III and N-(2,4-
dinitrophenyl)-6,7-dimethoxy-3,4-dihydroisoquinolinium
chloride, m. 189°, remained undissolved, while 1.87 g.
II was extd. with Et₂O. With 2 moles III and 1 mole II, the
same product was obtained. Similarly, a deriv. (V), m. 187-
8°, from II and the 6,7-methylenedioxy-8-methoxy deriv. (VI)
of I, m. 80-100°, from II and I, a deriv. (VII), m. 80-120°,
from III and BaCl₂, and a deriv. (VIII), m. 90-110°, from III
and p-O₂NC₆H₄COCl, were obtained. IV (5.85 g.) mixed
with 30 cc. H₂O, stirred 10 min., and filtered gave yellow 4,5-
dimethoxy-2-[β-N-(2,4-dinitrophenyl)aminoethyl]benzalde-
hyde, m. 212-13° (aq. Me₂CO), insol. in dil. mineral acids;
phenylhydrazone m. 136-7°. From the filtrate III.HCl
was recovered. Similarly, from V, VI, VII, and VIII the
corresponding benzaldehyde derivs. (IX, X, XI, and XII,
resp.) were prepd., m. 218-19°, 176°, 140-7°, and 157-8°.
The phenylhydrazones of IX m. 205-6°, that of X m.
810-7°, and that of XII m. 189-91°. The anil of XI m. 149°.
T. Szell

DEKE, Dones; SZANTAY, Csaba; TOKE, Laszlo

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.
XV. Determination of the dissociation grade of cotarnine and some
analogue compounds. Magy kem folyoir 66 no.2:66-70 F '60.

1. Budapesti Muszaki Egyetem Szerves-Kemiai Tanszeke. 2. "Magyar
Kemai Folyoirat" szerkeszto bizottsagi tagja (for Beke).

BEKE, D., prof. (Budapest); SZANTAY, Cs. (Budapest); BARCZAI, M.B. (Budapest)

Contribution to the chemistry of heterocyclic pseudobasic aminocarbinols.
XVII. Quantitative determination of pseudobasic aminocarbinols and
their dimolecular ether by means of the Karl Fischer solution. Periodica
polytechnica 4 no.4:329-334 '60. (EEAI 10:5)

1. Institut für Organische Chemie, Technische Universität, Budapest.
(Heterocyclic compounds) (Amino alcohols)
(Solutions) (Pyridine)

BEKE, Denes; SZANTAY, Csaba; B. BARCZAI, Marietta

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.XVI. Comparative kinetic investigation of the reaction of cotarnine as well as some aromatic aldehydes with hydrogen cyanides. Magy kem folyoir 67 no.3:108-112 Mr '61.

1. Muszaki Egyetem Szerves Kemiai Tanszeke, Budapest.

BEKE, Denes; SZANTAY, Csaba; B. ~~HARCAI~~ Marietta

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.
XVII. Quantitative determination of pseudobasic amino carbinols
and their ethers formed by themselves through the Karl Fischer
reagent. Magy kem folyoir 67 no.3:112-115 Mr '61.

1. Muszaki Egyetem Szerves Kemiai Tanszeke, Budapest.

BEKE, Denes; SZANTAY, Csaba

Data on the chemistry of the heterocyclic, pseudobasic amino carbinols. XVIII. Structure and tautomerism of pseudobases obtainable from 2-(2,4-dinitrophenyl)-isoquinolinechloride. Magyar kém. folyoirat 67 no.4;176-180 Ap '61.

1. Budapesti Műszaki Egyetem Szerves-Kémiai Tanszéke 2. "Magyar Kémiai Folyoirat" szerkesztő bizottsági tagja (for Beke).

-SZANTAY, Csaba, dr.

Dr.Denes Beke, 1911-1962; an obituary. Magy kem lap 17 no.4:150
Ap '62.

SZANTAY, Csaba, kandidatus

An account of my study trip to the German Democratic Republic.
Kem tud kozl 18 no.3:555-558 '62.

1. Budapesti Muszaki Egyetem Szerves Kemiai Tanszeke.

SZANTAY, Csaba; SZEGHY, Lajos; BEKE, Dönes

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.
XXII. Investigations for detecting the hypothetical amino-aldehyde
forms on the ground of the II. rate amino group reactions. Magyar
kem folyoir 68 no.6:240-243 Je '62.

1. Budapesti Műszaki Egyetem Szerves-Kémiai Tanszéke.

FODOR, Gabor, akademikus; BEKE, Denesne; BITE, Pal, kandidatus; DOBO, Pal;
FARKAS, Lorant, kandidatus; F. VARGA, Eva; LEMPert, Karoly, kandidatus;
~~OTVOS~~, Laszlo, kandidatus; SZANTAY, Csaba, kandidatus; URESCH, Ferenc

An account of the Prague Symposium on Natural Organic Compounds.
Kem tud kozl MTA 19 no.1:95-103 '63.

1. Magyar Tudomanyos Akademia Sztereokemiai Kutato Csoportja,
Budapest (for Fodor, Beke, Lempert, Otvos, Uresch). 2. Magyar
Tudomanyos Akademia Kemiai Tudomanyok Osztalya (for Bite, Dobo,
Farkas, F. Varga, Szantay). 3. "A Magyar Tudomanyos Akademia
Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi
tagja (for Fodor).

SZANTAY, Cs. (Budapest, XI., Gellert ter 4); SZEGHY, L. (Budapest, XI., Gellert ter 4); BEKE, M., prof. (Budapest, XI., Gellert ter 4)

Contributions to the chemistry of heterocyclic, pseudobasic aminocarbinols. XXII. Periodica polytechnica 6 no.2: 113-120 '62.

1. Institut für Organische Chemie der Technischen Universität, Budapest.

SZANTAY, Csaba

Exchange reactions of halogens with aliphatic bond. Magyar
kem lap 18 no.2/3:90-98 F-Mr '63.

1. Budapesti Műszaki Egyetem Szerves Kémiai Tanszéke.

ERDEY-GRUZ, Tibor, akademikus; DABRONAKI, Gyula, dr.; FODOR, Gyorgy, dr.; KOCZOR, Istvan; KORANYI, Gyorgy, a kémiai tudományok doktora; LORINC Imre, a kémiai tudományok kandidátusa; SZEKERES, Gabor, dr.; PILLICH, Lajos, főmesternok; PURMAN, Jenő; SZANTAY, Csaba, a kémiai tudományok kandidátusa; SZANTO, István, dr., a kémiai tudományok kandidátusa; TOROK, Gabor, a kémiai tudományok doktora

Report of the Board of the Department of Chemical Sciences,
Hungarian Academy of Sciences. Kem tud közl MTA 20 no. 2:139-
198 '63.

1. Magyar Tudományos Akadémia Kémiai Tudományok Osztálya titkára; "A Magyar Tudományos Akadémia Kémiai Tudományok Osztályának Közleményei" szerkesztője (for Erdey-Gruz).
2. Élelmiszerügyi miniszter első helyettese (for Dabronaki).
3. Tiszai Vegyi Kombinat igazgatója (for Fodor).
4. Szerves Vegyipari Kutató Intézet igazgatója (for Koczor).
5. Nehezvegyipari Kutató Intézet igazgatója (for Koranyi).
6. Nehezipari miniszter helyettese (for Lorinc).
7. Kórházi Gyógyszerárugyar (for Pillich).
8. Nehezipari Minisztérium főosztályvezetője (for Purman).
9. Akadémiai Alkaloidkémiai Kutató Csoport (for Szantay).
10. Berneti Vegyiművek igazgatója (for Szanto).

SZANTAY, Csaba, kandidatusa

Report on the discussion of the dissertation prepared by Pal
Kriston for obtaining the title of candidate of chemical sciences.
Kem tud kozl MTA 20 no.2:292-296 '63.

✓
SZANTAY, Csaba; SCHMITZ, Ernst

Hydrolysis of diaziridines. Magyar kém folyoir 69 no.7:292-296 J1
'63.

1. Budapesti Műszaki Egyetem Szerves-Kémiai Tanszéke (for Szantay).
2. Institut für Organische Chemie der Deutschen Akademie der Wissenschaften, Berlin-Adlershof (for Schmitz).

HUNGARY

SZANTAY, Csaba, NOVAK, Lajos; Technological University of Budapest, Department of Organic Chemistry (Budapesti Műszaki Egyetem Szerves-Kémiai Tanszék).

"Data on the Chemistry of Heterocyclic, Pseudobasic Aminocarbonols, XXV. Redox Processes of Bases Liberated From bis-(3,4-dihydro-isoquinolinium)Salts."

Budapest, Magyar Kémiai Folyóirat, Vol 69, No 8, Aug 1963, pages 366-370.

Abstract: [Authors' Hungarian summary] It has been established by the authors that the bases which can be liberated from 2,2'-polymethylene-bis-(6,7-dimethoxy-3,4-dihydro-isoquinoline)salts exhibit redox processes of various types depending on the number of methylene groups present. Derivatives which contain 2-3 methylene groups undergo an intramolecular redox reaction which is independent of the OH^- concentration but is influenced by the quality of the cation of the base used. Compounds containing four or more methylene groups undergo an intermolecular type of reaction which is independent of the cation quality but is influenced by the OH^- ion concentration. 15 Western, 2 Hungarian references.

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SZANTAY, Csaba; ROHALY, Janos

Formation of unsaturated ketones during the Mannich reactions of substituted acetic acids. Magyar kémiai folyóirat 69 no.9:390-392 S '63.

1. Budapesti Műszaki Egyetem Szerves-Kémiai Tanszéke.

SZANTAY, Csaba; ROHALY, Janos

Data on the chemistry of heterocyclic, pseudobasic amino
carbinols. Pt.27. Magy kem folyoir 70 no.11:478-486 N '64.

1. Chair of Organic Chemistry, Budapest Technical University.

SZANTAY, Csaba, dr. (Budapest, XI., Gellert ter 4); MODALY, Janos (Budapest, XI., Gellert ter 4)

Technical preparation of 5,6-dimethylbenzimidazoles. Periodica polytechnica 8 no.1:9-13 '64.

1. Lehrstuhl für Organische Chemie, Technische Universität, Budapest.
Vorgelegt von Lehrstuhlleiter Dr. K. Lempert.

L 16627-66 EWP(j) JW/RM
ACC NR: AP6008873

SOURCE CODE: HU/0005/65/071/005/0205/0210

AUTHOR: Szantay, Csaba; Szabo, Lajos

ORG: Department of Organic Chemistry, Technical University, Budapest (Muezaki
Egyetem Szerves-Kemial Tanszeke)

TITLE: Data on the chemistry of heterocyclic, pseudobasic aminocarbinols. Part 28:
Formation of a novel-type heterocyclic ring system by means of 1,3-dipole
cycloaddition in the alkaline treatment of 1-hydroxy-2-(2,4-dinitrophenyl)-
isoquinoline

SOURCE: Magyar kemiai folyoirat, v. 71, no. 5, 1965, 205-210

TOPIC TAGS: heterocyclic base compound, nonmetallic organic derivative, cyclic
group, hydrolysis, organic synthetic process, chemical decomposition

ABSTRACT: Alkaline
hydrolysis of 1-hydroxy-2-(2,4-dinitrophenyl)-isoquinoline (in the presence
of catalytic quantities of strong alkali) resulted in the formation of a
benzoxazepine derivative, representing a novel type of heterocycle. The
course of the reaction was investigated and the structure of the reaction
products was established by decomposition and synthesis. The authors thank
Professor R. Huisgen of Munich for discussions on the compounds, Simon Falns,

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L 16627-66

ACC NR: AP6008873

Balogh Laszlone, and Viszt Jozsefne for the microanalysis. Further thanks is extended to Sandor Holly and Pal Sohar for the IR spectral photos and evaluation. Thanks is also given to Miklos Illes for technical assistance and to the Hungarian Academy of Sciences for support. Orig. art. has: 5 figures. [JPRS]

SUB CODE: 07 / SUBM DATE: 27Aug64 / ORIG REF: 002 / OTH REF: 004

TS
Card 2/2

L 16628-66 EWP(j) JW/RM

ACC NR: AP6008874

SOURCE CODE: HU/0005/65/071/005/0210/0216

AUTHOR: Szantay, Csaba; Szabo, Lajos

ORG: Department of Organic Chemistry, Technical University, Budapest (Muszaki Egyetem Szerves-Kemai Tanszeke)

TITLE: Data on the chemistry of heterocyclic, pseudobasic aminocarbinols, Part 29: Structure of the bases capable of being liberated from substituted 2-(2',4'-dinitrophenyl)-isoquinolinium salts

SOURCE: Magyar kemiai folyoirat, v. 71, no. 5, 1965, 210-216

TOPIC TAGS: heterocyclic base compound, nonmetallic organic derivative, oxidation reduction reaction

ABSTRACT: The structures of the bases obtained by quaternization with 2,4-dinitrochlorobenzene from 1-cyano-, 1-hydroxy-, 1-alkoxy-, 5,5-dinitro-, and 1-oxo- derivatives of 2-(2',4'-dinitrophenyl)-isoquinolinium salts were determined. In most instances oxidation-reduction reactions took place; oxo-cyclo-tautomerism was observed only in a few instances. The authors thank Balogh Laszlone, Viszt Jozsefne and Simon Palne for the microanalysis, M. Illes for the technical assistance, and the Hungarian Academy of Sciences for

Card 1/2

L 16628-66

ACC NR: AP6008874

0

support. Orig. art. has: 4 figures and 7 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 27Aug64 / ORIG REF: 002 / OTH REF: C01

KS
Card 2/2

SZANTAI, I.; GHERMAN, Cornelia

Decontamination device for radioisotope laboratories. Rev chimie
Min petr 14 no.3:161-163 Mr '63.

FODOR, O., prof.; SURIANU, P., dr.; TRAGOR, S., dr.; COTUL, S., dr.;
SZANTAY, I., dr.; HOLAN, T., dr.; FARCASAN, M., dr.

Further clinical and biochemical verifications of the therapeutic
action of aspartic acid in chronic hepatitis. Med. intern. 15
no.4:463-472 Ap '63.

1. Lucrare efectuata in Clinica a III-a medicala, Cluj (director:
prof. O. Fodor).

(HEPATITIS) (ASPARTIC ACID)
(ASPARAGINE) (DIURESIS)
(BLOOD PROTEINS) (ALANINE AMINOTRANSFERASE)

SZANTAI, I., HOLAN, T., dr.

Double protection hood for handling radioactive substances.
Rev chimie Min petr 15 no. 3: 161-162 Mar '64.

1. Sectia de medicina a Institutului medico-farmaceutic,
Cluj (for Holan).

FODOR, O.; DUMITRASCU, D.; BADEA, Gh.; BAN. A.; TRAGOR, S.; CALU, C.;
SZANTAY, I.

Adaptive and pathological changes in the jejunum and ileum
after stomach surgery. Stud. cercet. med. intern. 5 no.2:167-
172 '64

EXCERPTA MEDICA Sec 2 Vol 12/6 Physiology June 59

2043. A RAPID CHROMATOGRAPHIC METHOD WITH ROUND FILTERS FOR SEPARATION OF BILE PIGMENT DERIVATIVES - Gyors körkromatográfias eljárás epefestékszarmazékok szétválasztására - Szántay J. and Braun T. Kolozsvári Orvostud. és Gyógyszerészeti Int. III sz. Belklin., Valamint Marosvásárhelyi Orvostud. és Gyógyszerészeti Int. Fertőző Klin. - KISÉRL. ORVOSTUD. 1958, 10/4 (433-436) Tables 1 Illus. 3

This method, based on Baumgärtel's mesobiliviolin reaction, is rapid and simple and is suitable for serial clinical tests. Essentially it is a technically modified version of elements of Goppelsroeder capillary analysis combined with those of modern paper chromatography. At room temperature and under exposure to air the oxidation product of urobilinogen can be satisfactorily separated from the iron complex of stercobilin by the use of the pyridine solvent recommended by Beckmann. This renders the use of chromatographic apparatus unnecessary.

RUMANIA/Human and Animal Physiology (Normal and Pathological)
Metabolism. Vitamins.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26334

Author : Fodor, O., Schwartz, M., Szantay, I.

Inst : -

Title : Ariboflavinosis. Clinical Investigations.

Orig Pub : Med. interna, 1958, 10, No 6, 845-853

Abstract : In patients with expressed symptoms of ariboflavinosis (AR) and with endogenic insufficiency of riboflavin (R) accompanying, in a majority of cases, a basic disease (anemia, achlorhydria, gastrectomy), the connections between clinical manifestations of AR and R metabolism (with and without loading with R), as well as Fe content in blood and gastric secretion were studied. In majority of cases (16 of 18), a correspondence between clinical manifestations of AR and decreased spontaneous introduction of R was noted. The test with R loading, according

Card 1/2

RUMANIA/Human and Animal Physiology (Normal and Pathological)
Metabolism. Vitamins.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26334

to the opinion of the authors, is not sufficiently convincing for evaluation of the state of R insufficiency. Complex replacement therapy and application of Fe and R in indicated conditions of AR gave good results.

Card 2/2

DEREVENKO, V.; SZANTAY, J.; DEREVENKO, P.

Determination of the adrenal gland function with P^{32} . Kiserl. Orvostud.
15 no.2:113-118 Ap '63.

1. A Cluj-Kolozsvari 2. sz. Klinikai tomb Nuklearis Orvosi osztalya,
valamint a Cluj-Kolozsvari Eletteni Intezet.
(ADRENAL GLANDS) (CORTICOTROPIN) (ASCORBIC ACID)
(EPINEPHRINE) (ERYTHROCYTES) (PHOSPHORUS ISOTOPES)

GLIGORE, V.; GOZARIU, L.; GHERMAN, Gr.; LUCACIU, O.; HOLAN, T.; SZANTAY, L.;
PARCASAN, M.

Changes in the function of hepato-cellular uptake of S-35 labelled
methionine in patients with hyperfolliculinism. Stud. cercet. endocr.
14 no.2:262-266 '63.

(ESTROGENS)	(LIVER)	(METHIONINE)	(METABOLISM)
	(SULFUR ISOTOPES)	(LIVER FUNCTION TESTS)	

SZANTHA, Janos

Microbiological investigation of restaurants with special reference
to the onset of contamination of food after initial infection.
Nepegeszssegugy 35 no.5:128-129 May 54.

1. Kozlemeny az *lelmezestudomanyi Intezetbol (igazgalo: Tarjan
Robert dr.)
(FOOD, bacteriology,
onset of spoiling after bact. infect.)

SMAYDA, J.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

SMAYDA, J. Microbiological examination of red pepper sorts and other species. p. 30.

Monthly List of East European Accessions (EEAI) IC, Vol. 4, No. 5,
May 1959, unclass.

SZABO, Istvan, Dr.; SZANTHA, Janos

Tubercle bacilli contamination of cow milk in Hungary, Helyesnevelés 39
no.5-6:140-142 May-June 58.

1. Közleménye az Országos Koranyi Tbc. Intézet (igazgató: Boszormenyi Miklos dr.; kandidatus, tudományos vezető: Foldes Istvan dr. kandidatus) diagnosztikai laboratóriumában (vezető: Szabo Istvan dr.) és az Országos Élelmézés-es Taplakozástudományi Intézetben (igazgató: Tarjan Robert dr. kandidatus).

(MILK, microbiol.

M. Tuberc., incidence in Hungary & detection methods (Hun))

(MYCOBACTERIUM TUBERCULOSIS

in milk, incidence in Hungary & detection methods (Hun))

Dr. P. L. J. J. J. J.

The use of neoconservatism as an analytical tool. p. 67

Budapest, Hungary. Alalmazesrudinanyi Intezet. YANPOCK. Budapest, 1959.

Monthly list of East European Accession (MEMI) LC, Vol 9, no. 2, Feb. 1960

Incl.

HUNGARY

DEREVENKO, V., SZANTAY, J., DEREVENKO, P.; Nuclear Medical Department of the 2nd Clinical Block of Cluj-Kolozsvar (Cluj-Kolozsvari 2. sz. Klinikai tomb Nuklearis Orvosi osztalya) and the Physiological Institute (Elettani Intezet), Cluj-Kolozsvar.

"Determination of Adrenal Function with Phosphorus-32."

Budapest, Kiserletes Orvostudomany, Vol 15, No 2, Apr 63, pp 113-118.

Abstract: [Authors' Hungarian summary] Pharmacological and physical stress which causes an endogeneous ACTH [Adrenocorticotrophic hormone] secretion leads to an increase in P-32 incorporation into the adrenals of white rats. This increase of P-32 incorporation is sensitively mirrored in the rise of the adrenal P-32/blood P-32 and in the adrenal P-32/plasma P-32 ratios. The effect of endogeneous ACTH is identical with the effect of exogeneous ACTH while the effect of pantopon is an opposite one. The rise in P-32 incorporation and the drop in the adrenal ascorbic acid level suggest a connection between them. The results lead to the conclusion that the adrenal P-32 incorporation is a measure of the metabolism of the organ to the extent that these metabolic processes are related

1/2

SZANTAY, Janos; K. ALANIA, Valeria; URAY, Zoltan

Experiences with radiochromatographic analysis of metabolic products of S³⁵-labeled methionine. Kiserl. orvostud. 15 no.6: 658-653 D '63.

1. Cluj-kolozsvari Nuklearis Orvosgyogyaszati Oszaly.
(URINE) (SULFUR ISOTOPES) (CHROMATOGRAPHY)
(METHIONINE) (CYSTINE) (AMINO ACIDS)

RUMANIA / Chemical Technology, Chemical Products and Their
Application. Pharmaceuticals. Vitamins. Antibiotics.

H-17

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16515

Author : Martonfi, L.; Fulop, L.; Sarudi, L.; Szantho, E.

Inst : Not given

Title : Problems in the Preparation and Stabilization of Oily
Contrasting Preparations

Orig Pub : Rev. med. (R.P.R.), 1956, 2, No 3, 73-74

Abstract : The investigation covers possibilities of substitution of
poppy seed and sesame oils in the contrasting prepara-
tions (CP). A method of obtaining CP from sunflower
seed oil is reported. The obtained CP preparation
conforms with the requirements of the VIII Soviet
Pharmacopoeia in the matter of iodine content, impurities,
and stability. -- E. Natkhan

Card 1/1

H-58

SZANTHO, Istvan, okleveles gépészmérnök

Own consumption of the future steam power plants. Energia es atom
15 no.6:237-243 Ja '62.

1. Eromu Tervezo Iroda.

SZANTHO, Istvan

"Some achievements in testing the application of liquid
fuels in power plants" by R.E. Dow, G.W. Harding.

Reviewed by Istvan Szantho. Energia es atom 16 no.10/11
493 0 '63.

SZANTHO, Istvan

"Experiences obtained in power plants operating at
600° C fresh steam temperature" by P. Profos. Reviewed
by Istvan Szantho. Energia es atom 16 no.10/11 493-494
0 '63.

L 01072-66 EWT(m)/EPF(n)-2/T

ACCESSION NR: AP4049829

HU/0008/64/000/011/0525/0533

AUTHOR: Szantho, I. (Graduate mechanical engineer)

TITLE: The possibilities of further improvement of gas-cooled electric power generating atomic reactors ²³₂₂
19

SOURCE: Energia es atomtechnika, no. 11, 1964, 525-533

TOPIC TAGS: nuclear reactor, gas cooled nuclear reactor, nuclear power reactor, gas turbine

ABSTRACT: The article surveys the gas-cooled electric power generating reactors already in operation to date, principally in England and the United States, discusses the characteristics of gas-cooled reactors and technical development trends of efforts to improve them. From the material discussed it is concluded that the possibility of using high-efficiency, stable atomic gas turbines has been established from the technical point of view, and that the economical perspectives are at least encouraging. The materials used in the construction of gas turbines themselves will have to become cheaper if atomic gas turbines are to play any significant role in the future.

Card 1/2

L 01072-66

ACCESSION NR: AP4049829

ASSOCIATION: Eromu es Halozat Tervezo Vallalat (Electric Power Generating and
Network Design Enterprise)

SUBMITTED: 00

ENCL: 00

SUB CODE: NP, PR

NO REF SOV: 000

OTHER: 000

Card 2/2: DP

MEANTHO, Istvan, okleveles gépészmérnök

Possibilities for further development of gas-cooled power reactors. Pt.2. Energia es atom 17 no.12:572-583 D '64.

1. Power Plant and Network Designing Enterprise, Budapest.

SZANTHO, V., FARKAS, L.

Investigation of the glycosides of Baptisia tinctoria L. I. Simplified synthesis of pseudobaptigenin. p.217

ACTA CHIMICA. Budapest, Hungary. Vol. 19, n. 2/3, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959

Uncl.

FARKAS, Lorand; SZANTHO, Vilma

Investigation of glycosides of Baptisia tinctoria L. Pt. 1. Magyar
kem folyoir 65 no.3:91-94 Mr '59.

1. Budapesti Muszaki Egyetem Szerves Kemiai Tanszek.

SZANTNER, Mihaly

Analysis of the dispersion of performance percentage.
Munka szemle 8 no.11:29-32 N '64.

SZANTO, Andras, dr.

Roentgenological diagnosis of mitral valve calcifications.
Magy.radiol. 12 no.2:92-97 Jé '60.

1. A Budapesti Orvostudományi Egyetem, IV. Sebészeti Klinikája
(igazgató: Kudasz, József, dr., egyetemi tanár) röntgenlaborator-
iának (vezető: Jóna, István, dr., egyetemi docens) közleménye.
(MITRAL STENOSIS radiogr.)
(CALCIFICATION radiógr.)

SZANTO, Andras, dr.; ERDELYI, Laszlo, dr.; PINTER, Endre, dr.

Unilateral clear picture of the lung in atresia of the pulmonary artery. Magy radiol. 12 no.4:222-225 N'60.

1. A Budapesti Orvostudományi Egyetem, IV. sz. Sebészeti Klinikájának közleménye. Igazgató: Kudasz József dr. egyetemi tanár.
(LUNGS radiog)
(PULMONARY ARTERY abnorm)

RUMANIA / Chemical Technology, Chemical Products and Their
Application. Pharmaceuticals. Vitamins. Antibiotics.

H-17

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16510

Author : Szanto, A.; Cretu, V.; Constantinescu, V.

Inst : Not given

Title : Experience of the Kluzhskaya Oblast Apothecaries in the
Preparation of Injection Serums

Orig Pub : Farmacia (Romin), 1957, 5, No 5, 442-455

Abstract : The sanitary and economical feasibilities of the prepara-
tion of injection serums and solutions in apothecaries
depends exclusively on the appropriate development of
optimum methods employed in their preparation under the
conditions of limited equipment availability in local
apothecaries. In conjunction with the detailed description
of requirements imposed by the above products, the
article describes in detail methods involved in the

Card 1/2

H-56

SZANTO, Andras; TOROCSESNYIKOV, N. Sz. [Tororeshnikov, N.S.]

Adsorption properties of zeolites on the Csodi Hill. Magyar kem lap
19 no.6:297-298 Jan '64.

1. Chair of Inorganic Chemical Technology, Mendeleev College of
Chemical Technology, Moscow.

GOR NAGY, Sandor; SZANTO, Andras

Main trend in developing the nitrogen industry in Hungary.
Magy kem lap 19 no.10/11:509-515 O-N '64.

1. Chemical Industry Trust, Budapest.

VARGA, Mihaly; SZANTO, Attila

TERTA 1051 type transistor ultrashort wave portable radio
sets. Radiotechnika 15 no.1:8-10 Ja '65.

SZANTO, Dezsó, dr.; SIMKO, Borbála, dr.

Endocardial fibroelastosis in an infant diagnosed intra vitam.
Orv. hetil. 106 no.27:1282-1283 4 J1'65.

1. Miskolc Városi Tanács, Semmelweis Kórház, Röntgen Osztály
(főorvos: Buday, István dr.) e Gyermekosztály (főorvos: Velkey,
László, dr.).

Internal Medicine

HUNGARY

SZANTO, Dezzo, Dr; City Council of Miskolc, Semmelweis Hospital, Radiology
(chief physician: BUDAY, Istvan, Dr) (Miskolci Varosi Tanacs, Semmelweis
Korhaz, Rontgenosztaly).

"Orthostatic Albuminuria Accompanying Baastrup's Disease (Osteoarthrosis
Interspinalis) in Two Young Patients."

Budapest, Orvosi Hetilap, Vol 107, No 46, 13 Nov 66, pages 2193-2195.

Abstract: [Author's Hungarian summary] The case of two young women is
described whose ~~backache~~ was caused by osteoarthrosis interspinalis, a
disorder relatively rare in the third decade of life. Orthostatic albumin-
uria was also present in both cases. The coincidence is obviously related
to the structural make-up of the patients. 6 Hungarian, 17 Western references.

SZANTO, E. - Vol. 5, no. 5, May 1955. - Kozlekedestudományi Szemle.

Indexes for truck exploitation. p. 185.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

SZANTO, E.

Survey of work productivity in automotive enterprises. p. 18.
KOZLEKEDESTUDOMANYI SZEMLE. (Kozlekedesi Kiado) Budapest. Vol. 6, No. 1,
Jan. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

SZANTO, E.

Economically efficient distance of transportation by truck trains. p. 65.

KOZLEKEDESTUDOMANYI SEMLÉ. (Közlekedés-es Közlekedésepítéstudományi Egyesület)
Budapest, Hungary, Vol. 9, No. 1/2, Jan./Feb. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959.
UNCL

BACS, Laszlo; GYARMATI, Jozsef; MAROTI, Ferenc; SZANTO, Andras; ALMASI, Lajos

Two decades of the heavy chemical industry. Magy kem lap 20 no.4:
212-217 Ap '65.

1. Chemical Industry Trust, Budapest (for Bacs, Gyarmati, Szanto,
and Almasi). 2. Budapest Chemical Works (for Maroti).

SZANTO, Emil, dr., okl. gépészmérnök

Operational research problems in motor vehicle transportation :
a model for service schedule. Kozl tud sz 12 no.3:101-106 Mr '62.

1. Autoközlekedési Tudományos Kutató Intézet tudományos fórum-
katarsa

SZANTO, Emil, dr., tanszekvezeto tanar

Basic elements of the theory of queueing. Kozl tud sz 13
no.4:145-151 Ap 1963.

1. Felsőfoku Gépjárműközlekedési Technikum.

ACZEL, Gyorgy, dr.; SZANTO, Emil, dr.

Some problems relating to the management of large industrial enterprises. Elelm ipar 18 no.11:1-5 J'64.

1. Elelmezesugyi Miniszterium.

SZANTO, Erich

New wrapping technique for lumber. Drevo 19 no.3:116-117

Mr'64

1. Research Institute of the Cellulose Industry, Bratislava.

SZANTO, Erich

Comparison of various pulping processes with regard to their bleaching capacity. Papir a celuloza 19 no. 7:183 J1 '64.

Sulfite cellulose on the threshold of a new development. Ibid.:204

Use of sulfite waste liquor. Ibid.:204

A new pulping process of the Domtar Paper Factory. Ibid.:204

Situation of the cellulose industry in Western Europe. Ibid.:210

SZANTO, Erich

The future of research. Papir a celulosa 19 no.10:275, 285 0 '64.

SZANTO, ENDRÉ

LACKO, Ede; SCHWEIGER, Otto; SERENYI, Pal; SZANTO, Endre

Clinical experiences with viomycin therapy of lung patients.
Tuberkulozis 10 no.5-6:121-122 May-June 57.

1. Az Országos Korányi Tbc. Intézet (Igazgató: Seri István dr.)
közleménye.

(TUBERCULOSIS, PULMONARY, ther.

viomycin (Hun))

(VIOMYCIN, ther. use

tuberc., pulm. (Hun))

SZANTO, Endre

KALLOS, Zsuzsa; MARTON, Sandor; SZANTO, Endre

ACTH and cortisone in pulmonary tuberculosis. Tuberkulozis 10 no.5-6:
123-128 May-June 57.

1. Az Orszagos Koranyi TBC Intezet (tudomanyos vezeto: Sebok Lorant dr.)
- II. belosztalyanak (foorros: Marton Sandor dr.) es I. V. belosztalyanak
(foorros: Szanto Endre dr.) kozlemenye.

(TUBERCULOSIS, PULMONARY, ther.

ACTH & cortisone combined with antituberculous drugs,
indic. & clin. evaluation (Hun))

(ACTH, ther. use

tuberc., pulm., combined with antituberculous drugs, indic.
& clin. evaluation (Hun))